

Dr. Mrs. Shweta M. Barhate



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Assistant Professor in Computer Science
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Academic Profile:

- M. Sc. (Computer Science), Shri. Shivaji Science College Nagpur. (2004)
- M. Phil. (Computer Science), YCMOU (2008)
- UGC NET (Computer Science & Applications) (2006)
- Ph. D. Computer Science (2020).

Experience:

a) Teaching : PG 14 Years
UG 7 Years

b) Research : “ A Study Of Interoperability Issues In Cloud Computing”.

Participated in workshops, seminars, and delivered guest lectures at Academic Staff College HRD Centre RTMNU.

Minor Research Project: Completed a Minor Research Project Titled “**Addressing Interoperability Issues For Cloud Computing And A Matured Cloud Environment**” Under RTM Nagpur University Research Project Scheme.

Research Papers Published:

Journal Publications

1. Anandpwar, W., Barhate, S., "Significance of Artificial Intelligence in the Production of Effective Output in Power Electronics", International Journal on Recent and Innovation Trends in Computing and Communication, Volume 11, pp. 30–36, 2023.
2. Shweta Barhate, Snehal Narale, "Hybrid Cloud Architecture Methodology for better Quality of Service", Sanshodhan, Vol 12,2023.
3. S.M.Barhate, " An implementation of Divide and Conquer Clustering Technique for improving the Interoperability in Hybrid Cloud Environment", International Journal On Recent And Innovation Trends In Computing and Communication, 10(1s), 2022.
4. "Hybrid Cloud: A Cost Optimised Solution to Cloud Interoperability", IEEE Xplore, pp. 1-5, doi: 10.1109/ICITIIT49094.2020.9071563.
5. "Review Of Workload Management Issue For Better Interoperability In Cloud Environment", Shweta Barhate and M. P. Dhore, Global Journal Of Engineering Science And Researches(GJSER), Thomson And Reuters, NC-Rase DOI: 10.5281, Pp 65-70, 2018.(Impact Factor 5.070)
6. "Hybrid Cloud : A Solution To Cloud Interoperability", Shweta Barhate and M. P. Dhore, IEEE Xplore Digital Library, 978-1-5386-1974-2/18/\$31.00 ©2018 IEEE, Pp: 1242-1247, 2018. (Impact Factor 9.2)
7. "Better Resource Provisioning and Interoperability Using Competent Service Broker Policy In Hybrid Cloud", Shweta Barhate, M. P. Dhore and Ayushi: Interdisciplinary Research Journal (AIIRJ), Special Issue No.26, pp.2010-2012, 2017.
8. "Efficient Job Migration In Federated Clouds: A Study", International Journal of Advances in Soft Computing Technology, Volume: 07 Special Issue of NCRTBACC 2017 4th – 5th January, 2017, ISSN 2229-3515.
9. "User Authentication Issues in Cloud Computing", S. M. Barhate and M. P. Dhore, International Journal of Computer Engineering (IOSR-JCE), pp.30-35, e-ISSN: 2278-0661, p-ISSN: 2278-8727, 2016.
10. "Inter-cloud Architecture For Interoperability In Cloud Computing: A Review", Shweta Barhate and M. P. Dhore, International Journal of Advanced Computational Engineering and Networking (IJACEN), Volume 3, Issue 12, ISSN No 2320-2063, IRAJ DOI No.3451, PP- 78-82, 2016.
11. "Data Migration Issues in Cloud Computing: A survey", Shweta M. Barhate and M. P. Dhore, International Journal of Electronics, Communication And Soft Computing Science And Engineering (IJCSCSE), ISSN: 2277-9477, Volume 1, Issue 1, PP-360-363, 2015.
12. "Cloud Interoperability and Standardization Issues: A Review", Shweta M. Barhate and M. P. Dhore, International Journal of Advanced Computational Engineering & Networking, ISSN 2320-2106, Special Issue June 2015, PP- 469-473.

National And International Conferences

1. S. M. Barhate, M. P. Dhore, S. J. Sharma, "Detection Of Cancer In Thyroid Nodule Using Deep Learning", 108 Indian Science Congress, 2023.
2. G. S. Sharma, S. M. Barhate, S. J. Sharma, "Brain Tumor Classification Using Machine Learning", 108 Indian Science Congress, 2023.
3. P. S. Manpe, S. M. Barhate, S. J. Sharma, "Suicidal Ideation Detection Using Machine Learning", 108 Indian Science Congress, 2023.

4. S. B. Tupte, S. M. Barhate, S. J. Sharma, "Supply Chain Management Using Blockchain", 108 Indian Science Congress, 2023.
5. S. M. Barhate, M. P. Dhore, S. J. Sharma, "Dementia Detection Using Machine Learning: A Review", NCRIICT, 2023.
6. "Efficient Job Migration In Federated Clouds: A Study", S. M. Barhate and M. P. Dhore, National Conference on Recent Trends on Big Data Analytics & Cloud Computing, Organized by Department of Computer Science & Engineering, Vidya Jyothi Institute Of Technology, January 2017, Hyderabad.
7. "User Authentication Issues in Cloud Computing", S. M. Barhate and M. P. Dhore, National Conference On Recent Trends In Computer Science And Information Technology, April 2016, Nagpur.
8. "Inter-cloud Architecture For Interoperability In Cloud Computing: A Review", Shweta Barhate and M. P. Dhore, International Conference On Recent Trends In Electronics, Computing, and Management Studies, ICECM-15, Organised by Suvi Digital Forensics and Cyber Security Consulting Services, November 2015, Nagpur (**Awarded Second Best Paper Prize**)
9. "Cloud Based Teaching And Learning Environment For Smart Education", Shweta Barhate and Snehal Narale, International Conference On Advances In Engineering & Technology, ICAET-15 Nagpur.
10. "Data Migration Issues In Cloud Computing: A Survey", S. M. Barhate and M. P. Dhore, National Conference on "Advanced Technologies In Computing & Networking (ATCON-15), 2015 Amravati.
11. "Cloud Interoperability And Standardization Issues: A Review", Shweta M. Barhate and M. P. Dhore, International Conference on Emerging Trends In Computer Engineering TechSoft-15, 2015, Nagpur.

Copyright Awarded: Enhancing Interoperability In Hybrid Cloud Environment Using Clustering Technique. 2019

Patent Awarded: A System for watering the land under cultivation for optimized growth of the Crop. 2022.

Books Published:

Interoperability and Standards In Cloud Computing Environment, TechnoScience Academy, ISBN: 978-81-955673-4-8, 2022.

Book Chapters Published:

1. Evaluating data migrations with respect to Interoperability in Hybrid cloud, Lectures Notes in Electrical Engineering, Springer, 2021.
2. Hybrid Cloud Architecture for better cloud interoperability, Cloud Computing Architecture for Smart Agriculture and Health Care, Chapman & Hall CRC Press, 2021.